

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1, 3, 6, 8, 9, 11, 15, 16, 17, 18, 21, 23, 25, 30, 31, 33, 36, and 38 are currently amended, and no claims are canceled, withdrawn, or newly presented.

1. (Currently Amended) A method for retrieving information over a packet switched network, the method comprising:

receiving a request message from a client for information;

forwarding a portion of the information and state data indicating billing and reporting information associated with the request message to the client in response to the request message;

receiving a selection message including the state data from the client in response to the forwarded portion specifying whether the remaining portion of the information should be retrieved; and

forwarding the remaining portion of the information to the client.

2. (Original) The method according to claim 1, wherein the step of forwarding the portion comprises:

generating a response message that includes the portion of the information, the information being partitioned into a plurality of data types, the data types including viewable data, hidden data, encrypted data, and state data.

3. (Currently Amended) The method according to claim 2, wherein the selection message in the step of receiving the selection message includes encrypted data ~~and state data~~ associated with the information and the state data, the method further comprising:

decrypting the encrypted data; and
transmitting new visible data of the information.

4. (Original) The method according to claim 2, further comprising:
preparing billing and reporting information based upon the state data; and
generating a report based upon the state data.

5. (Original) The method according to claim 1, wherein the information is directory assistance information that includes a name field, and a directory number.

6. (Currently Amended) The method according to claim 1, wherein the step of forwarding the portion is performed using a Hyper Text Transfer Protocol (HTTP), the packet switched network being an Internet Protocol (IP) network.

7. (Original) The method according to claim 1, further comprising:
retrieving the requested information from a database.

8. (Currently Amended) The method according to claim ~~4~~ 6, wherein the step of forwarding the portion ~~request message~~ provides state information to the client via a Hyper Text Transfer Protocol (HTTP) cookie.

9. (Currently Amended) A server for providing information over a packet switched network, the server comprising:

a communication interface configured to receive a request message from a client for information; and

a processor coupled to the communication interface and configured to retrieve a portion of the information from a database in response to the request message,

wherein the communication interface receives a selection message including state data indicating billing and reporting information associated with the request message from a client in response to receipt of the retrieved portion, the selection message specifying whether a remaining portion of the information should be retrieved, the remaining portion of the information being forwarded to the client.

10. (Original) The server according to claim 9, wherein the processor generates a response message that includes the portion of the information, the information being partitioned into a plurality of data types, the data types including viewable data, hidden data, encrypted data, and state data.

11. (Currently Amended) The server according to claim 10, wherein the selection message includes encrypted data ~~and state data~~ associated with the information and the state data, the processor decrypting the encrypted data and instructing the transmission of new visible data of the information through the communication interface.

12. (Original) The server according to claim 10, wherein billing and reporting information is prepared based upon the state data.

13. (Original) The server according to claim 9, wherein the information is directory assistance information that includes a name field, and a directory number.

14. (Original) The server according to claim 9, wherein the communication interface is configured to use a Hyper Text Transfer Protocol (HTTP) to communicate with the client, the packet switched network being an Internet Protocol (IP) network.

15. (Currently Amended) The server according to claim 9 10, wherein the response request message provides state information, wherein the client receives the state information from the server via a Hyper Text Transfer Protocol (HTTP) cookie.

16. (Currently Amended) A server for providing information over a packet switched network, the server comprising:

means for receiving a request message from a client for information;

means for forwarding a portion of the information and state data indicating billing and reporting information associated with the request message to the client in response to the request message;

means for receiving a selection message including the state data from the client in response to the forwarded portion specifying whether the remaining portion of the information should be retrieved; and

means for forwarding the remaining portion of the information to the client.

17. (Currently Amended) The server according to claim 16, wherein the ~~forwarding~~ means for forwarding the portion comprises:

means for generating a response message that includes the portion of the information, the information being partitioned into a plurality of data types, the data types including viewable data, hidden data, encrypted data, and state data.

18. (Currently Amended) The server according to claim 17, wherein the selection message includes encrypted data ~~and state data~~ associated with the information and the state data, the server further comprising:

means for decrypting the encrypted data; and

means for transmitting new visible data of the information.

19. (Original) The server according to claim 17, further comprising:

means for preparing billing information based upon the state data; and

means for generating a report based upon the state data.

20. (Original) The server according to claim 16, wherein the information is directory assistance information that includes a name field, and a directory number.

21. (Currently Amended) The server according to claim 16, wherein the ~~forwarding~~ means for forwarding the portion uses a Hyper Text Transfer Protocol (HTTP), the packet switched network being an Internet Protocol (IP) network.

22. (Original) The server according to claim 16, further comprising:

means for retrieving the requested information from a database.

23. (Currently Amended) A communication system comprising:

a client configured to transmit a request message for information over a packet switched network; and

a server configured to communicate with the client and to forward a portion of the information and state data indicating billing and reporting information associated with the request message to the client in response to the request message, wherein in response to the forwarded portion, the client transmits a selection message specifying whether the remaining portion of the information should be retrieved and the state data to the server, the server forwarding the remaining portion of the information to the client.

24. (Original) The system according to claim 23, wherein the server generates a response message that includes the portion of the information, the information being partitioned into a plurality of data types, the data types including viewable data, hidden data, encrypted data, and state data.

25. (Currently Amended) The system according to claim 24, wherein the selection message includes encrypted data ~~and state data~~ associated with the information and the state data, the server decrypting the encrypted data and transmitting new visible data of the information to the client.

26. (Original) The system according to claim 24, wherein the server prepares billing information and a report based upon the state data.

27. (Original) The system according to claim 23, wherein the information is directory assistance information that includes a name field, and a directory number.

28. (Original) The system according to claim 23, wherein the server uses a Hyper Text Transfer Protocol (HTTP), the packet switched network being an Internet Protocol (IP) network.

29. (Original) The system according to claim 23, further comprising:

a database communicating with the server, the database configured to store the requested information.

30. (Currently Amended) The system according to claim 23, wherein the ~~request~~ selection message provides state information forwarded from the server to the client via a Hyper Text Transfer Protocol (HTTP) cookie, the server maintaining none of the state information.

31. (Currently Amended) A computer-readable medium carrying one or more sequences of one or more instructions for retrieving information over a packet switched network, the one or more sequences of one or more instructions including instructions which, when executed by one or more processors, cause the one or more processors to perform the steps of:

receiving a request message from a client for information;

forwarding a portion of the information and state data indicating billing and reporting information associated with the request message to the client in response to the request message;

receiving a selection message including the state data from the client in response to the forwarded portion, specifying whether the remaining portion of the information should be retrieved; and

forwarding the remaining portion of the information to the client.

32. (Previously Presented) The computer-readable medium according to claim 31, wherein the step of forwarding the portion comprises:

generating a response message that includes the portion of the information, the information being partitioned into a plurality of data types, the data types including viewable data, hidden data, encrypted data, and state data.

33. (Currently Amended) The computer-readable medium according to claim 32, wherein the selection message in the step of receiving the selection message includes encrypted data ~~and state data~~ associated with the information and the state data, the one or more processors further performing the steps of:

decrypting the encrypted data; and
transmitting new visible data of the information.

34. (Original) The computer-readable medium according to claim 32, wherein the one or more processors further perform the steps of:

preparing billing information based upon the state data; and
generating a report based upon the state data.

35. (Original) The computer-readable medium according to claim 31, wherein the information is directory assistance information that includes a name field, and a directory number.

36. (Currently Amended) The computer-readable medium according to claim 31, wherein the step of forwarding the portion is performed using a Hyper Text Transfer Protocol (HTTP), the packet switched network being an Internet Protocol (IP) network.

37. (Original) The computer-readable medium according to claim 31, wherein the one or more processors further perform the step of:

retrieving the requested information from a database.

38. (Currently Amended) The computer-readable medium according to claim 31, wherein the ~~request~~ selection message provides state information, wherein the step of forwarding the portion forwards the state information to the client via a Hyper Text Transfer Protocol (HTTP) cookie.